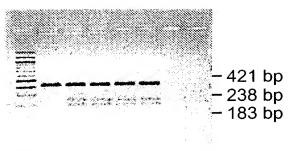


FIG.1B



MW+/+ +/- +/- +/- +/-

FIG.1C

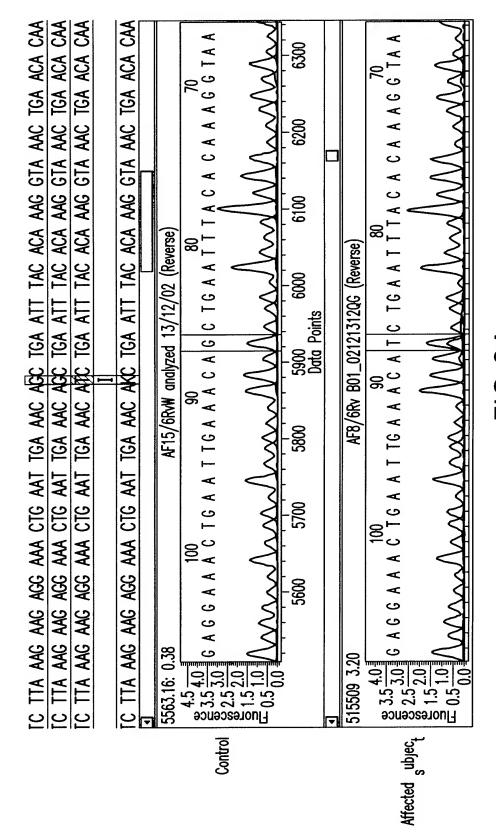


FIG.2A

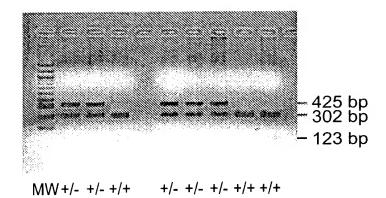
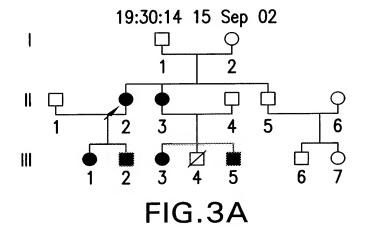


FIG.2B



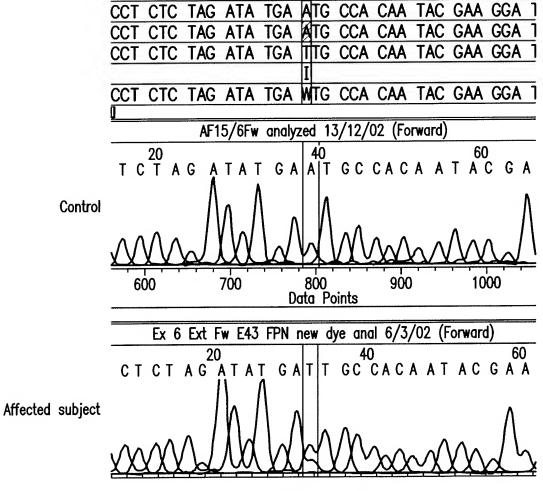
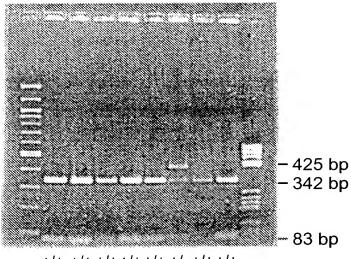


FIG.3B



+/+ +/+ +/+ +/+ +/- +/+ +/-

A ->T exon 6 Substitution AA 174

Asparagine → Isoleucine
Hydrophilic Hydrophobic
uncharged uncharged
PM: 132 PM: 131

FIG.3C